

City of Dallas
Classification Specification

Title:	Airfield Maintenance Technician	Class Code:	50724
Application:	Career Series	Pay Grade:	D
Supplemental/Code:	Semi-Skilled & Unskilled Laborer/9	Established:	10/01/2011
FLSA Status:	Non-Exempt	Revised:	10/01/2011

Position Purpose:

Under general supervision, is responsible for various activities related to the day-to-day operations and duties associated with the safety, operations, maintenance and security of a municipal airport. Heavy emphasis is placed on the ability to respond to and take appropriate action to issues as they arise and to maintain the operational functionality.

Essential Functions:

1. Assists in maintaining the airport in order to meet Federal Aviation Administration (FAA) regulations and advisory circulars for airport operations; as well as Transportation Security Administration (TSA) rules for airfield security, ensures compliance with City codified ordinances and general airport rules and environmental regulations.
2. Performs both semi-skilled and skilled labor in the Aircraft Operations Area (AOA) of all City of Dallas owned and operated airports. This maintenance and repair work function is focused on, pavement repair and markings, security fencing, airfield grass and weed control, snow and ice removal, and other grounds maintenance duties performed on airport property.
3. Performs daily safety, security and operational inspections of the airport's equipment, runways, taxiways, perimeter fences and gates for compliance with Federal, State and local airport rules and regulations.
4. Establishes and maintains airfield markings. Measures and aligns airfield markings, operates walk behind and motorized painting machinery. Applies reflective materials to the painted markings as per specifications. Accurate measurements required. This function may also operate pressurized paint removal equipment.
5. Operates tractors, riding mowers, or weed cutting tools as appropriate for the location and terrain. Applies the appropriate weed control products for the specific location, using a variety of chemical broadcast systems.
6. Identifies failing asphalt, determines the best repair technique and applies the proper implements and materials to affect repair.
7. Assesses the type and extent of damage to concrete, selects the best material and process to repair based upon the location of the pavement using FAA Specifications. Uses concrete saw to cut the affected area, Jack hammer to break up, back hoe to remove, mixer to prepare new product, floats and trowels to place and finish the repair. Some repairs require Epoxy mix and personal protection equipment.
8. Operates Runway Broom pulled by a large truck, deicing spray applicator, sand spreading trucks, dry chemical deice spreaders, loaders and conveyor systems, as required to keep runways and taxiways open

during a winter storm. These tasks generally require a CDL license and operators may perform this function at either/both Love Field and Executive Airport.

9. Responds to and provides assistance as needed, during aircraft emergencies (in conjunction with Fire, Police and FAA personnel), facility equipment failure, airfield lighting failures, building/structure emergencies, pavement failures, hazardous incidents and related emergency situations.
10. Maintains work records, including complaint resolutions, maintenance and repair logs, vehicle inspection forms, daily work logs, FAA inspection records and other documentation. Assists the public by properly responding to routine questions or complaints and requests for service.
11. Responds as dispatched by Airport Police to remove vehicles from the terminal area that violate TSA regulations. This action requires knowledge and skill to operate a vehicle wrecker staged near the terminal.
12. Communications with the Federal Aviation Association FAA, Air Traffic Controller is critical when working in the AOA. All airfield communications are accomplished by two way radio. This requires the practical understanding, and use of two way radio communication systems.
13. Regular, reliable and punctual attendance is an essential function of the job.

Knowledge, Skills and Abilities Required to Perform Work:

Knowledgeable in City organization, operations, policies and procedures. Applicable laws, standards and regulations relation to airport operations and safety precautions.

Knowledgeable in the safe operation of trucks, tools and equipment according to airport operating and safety procedures.

Ability to perform a wide variety of skilled and semi-skilled tasks in maintenance and repair of airport facilities and equipment.

Ability to operate a variety of simple to complex power tools or power equipment used in construction or landscaping.

Ability to establish and maintain an effective working relationship with all levels of management, city officials, vendors, other government agencies, other employees and the general public.

Ability to communicate effectively both orally and in writing with a wide variety of people.

Requires a valid Texas Class "B" CDL license, within the probation period.

Movement Area Certification must be obtained within the probation period, and maintained throughout employment according to the testing guidelines established by the Department of Aviation, as a condition of employment.

Requires the practical understanding and use of two way radio communication systems.

Working Conditions and Hazards:

Requires extensive walking, carrying, dragging, holding, pulling, pushing, lifting, kneeling, bending, twisting body, walking, reaching, and squatting; may be required to lift up to 100 pounds.

Major activities are performed outdoors on level, slippery, sloping, unstable and uneven terrain.

May be exposed to extreme cold, heat, heights, temperature swings, constant noise, mechanical and electrical hazards, fumes, odors, toxic chemicals (pesticides or herbicides), dust, insects, and biological hazards.

Ability to establish and maintain an effective working relationship with all levels of management, city officials, vendors, other government agencies, other employees and the general public.

The above statements are intended to describe the general nature and level of work performed by personnel assigned to this classification and is not necessarily an exhaustive list of all responsibilities, duties and skills required.

